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DERWENT-WEEK: 200235

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TITLE: Central air conditioning system
capable of performing
radio communication

INVENTOR: HAN, G W

PATENT-ASSIGNEE: LG ELECTRONICS INC[GLDS]

PRIORITY-DATA: 2000KR-0026393 (May 17, 2000)

PATENT-FAMILY:

PUB-NO	PAGES	PUB-DATE	MAIN-IPC
LANGUAGE			
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
KR2001105684A	N/A	
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INT-CL (IPC): F24F011/00

ABSTRACTED-PUB-NO: KR2001105684A

BASIC-ABSTRACT:

NOVELTY - A central air conditioning system capable of performing radio communication is provided to allow the air conditioning system to be installed in a convenient manner by allowing each air conditioner to be connected to the central controller in a wireless manner.

DETAILED DESCRIPTION - A central air conditioning system comprises a plurality of air conditioners(E11 to E1n) having radio signal

receiving units(R11 to R1n)
with allocated unique codes, respectively, and which detect
only the radio
signal including the allocated unique signals, from among
the received radio
signals, and operate in the mode corresponding to the
control signal contained
in the detected radio signal; and a central controller(10)
for storage of room
numbers and unique codes for air conditioners, wherein
numbers and unique codes
are stored as being matched to each other. The central
controller transmits,
in a wireless manner through a radio signal transmitting
unit(16), the unique
code corresponding to the selected room number and a
control signal for the
selected function, when a predetermined room number and a
predetermined air
conditioner function are selected. Air conditioners have
air conditioner
controllers(C11 to C1n), respectively, for an independent
control for each air
conditioner.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: CENTRAL AIR CONDITION SYSTEM CAPABLE
PERFORMANCE RADIO COMMUNICATE

DERWENT-CLASS: Q74

